

03312259 SALT LICK CREEK BELOW RED BOILING SPRINGS, TN

LOCATION.--Lat 36°33'08", long 85°51'26", Macon County, Hydrologic Unit 05110002, near left bank on downstream side of bridge on Chet Road, 14.5 mi east of intersection of Lake Road and Chet Road, 1.24 mi northeast of Red Boiling Springs.

DRAINAGE AREA.--14.5 mi².

PERIOD OF RECORD.--January 2004 to September 2004.

GAGE.--Data collection platform. Datum of gage is 740 ft above NGVD of 1929.

REMARKS.--Records good except estimated daily discharges and for discharges above 600 ft³/s which are fair. Periodic observation of water temperature and specific conductance are published in this report as miscellaneous water quality data.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,800 ft³/s, Feb. 5, gage height, 7.72 ft; minimum daily discharge, 4.8 ft³/s, July 30.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR JANUARY 2004 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	e14	25	46	29	21	67	35	98	17
2	---	---	---	e20	29	138	27	35	48	16	36	31
3	---	---	---	e18	73	63	25	25	34	11	26	25
4	---	---	---	e120	53	44	23	20	46	8.8	23	17
5	---	---	---	e100	738	130	22	18	28	33	25	15
6	---	---	---	e85	460	218	20	15	21	50	21	13
7	---	---	---	e65	114	88	20	13	17	55	18	13
8	---	---	---	e47	74	58	20	12	14	23	17	14
9	---	---	---	e38	57	45	17	11	12	14	17	13
10	---	---	---	e33	48	36	18	10	11	17	17	12
11	---	---	---	e28	41	31	17	9.9	9.7	25	16	11
12	---	---	---	e25	36	27	83	9.5	12	37	18	11
13	---	---	---	e23	31	24	254	14	13	e34	17	11
14	---	---	---	21	29	23	135	13	9.9	e51	16	10
15	---	---	---	19	27	22	78	36	15	e40	15	10
16	---	---	---	18	23	24	54	19	17	e30	15	13
17	---	---	---	18	22	20	43	13	13	e19	15	295
18	---	---	---	117	20	40	35	18	14	e14	15	53
19	---	---	---	80	20	28	29	18	9.6	e9.5	15	28
20	---	---	---	52	21	44	27	11	8.4	7.1	16	21
21	---	---	---	41	19	77	32	9.3	7.4	6.3	19	17
22	---	---	---	34	17	53	152	8.6	8.0	6.1	17	14
23	---	---	---	28	17	42	152	8.2	14	8.6	16	12
24	---	---	---	25	17	35	106	7.4	9.1	6.4	16	12
25	---	---	---	88	15	31	69	7.0	9.2	6.3	17	11
26	---	---	---	85	15	28	49	25	8.7	7.4	17	9.9
27	---	---	---	58	14	27	37	30	7.1	7.3	16	9.7
28	---	---	---	44	14	25	28	64	6.4	5.9	16	9.4
29	---	---	---	38	13	33	24	58	6.3	5.1	16	8.9
30	---	---	---	33	---	47	24	47	52	4.8	118	9.2
31	---	---	---	27	---	33	---	228	---	204	29	---
TOTAL	---	---	---	1,442	2,082	1,580	1,649	833.9	547.8	797.6	753	746.1
MEAN	---	---	---	46.5	71.8	51.0	55.0	26.9	18.3	25.7	24.3	24.9
MAX	---	---	---	120	738	218	254	228	67	204	118	295
MIN	---	---	---	14	13	20	17	7.0	6.3	4.8	15	8.9

e Estimated

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